

CLAIMS

Docket A1

1. A steam kettle lid assembly, comprising:
an elongated arm movable between an upward position and a downward
position, a downwardly extending boss positioned at an intermediate point along the arm, the
boss including a pin receiving opening therein;

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a lid including a centrally positioned projection extending from an upper
surface thereof, the projection including a pin receiving opening therein, the projection
positioned within the boss of the elongated arm with the pin receiving opening of the boss
aligned with the pin receiving opening of the projection, the lid including a condensate rim
aligned with the pin receiving opening of the projection, the lid including a condensate rim
extending from a lower surface thereof and positioned toward a first side of the lid;

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a pin passing through the aligned pin receiving openings for coupling the
projection to the boss and for preventing rotational movement of the lid; and

wherein a cross-sectional size of the pin is smaller than a size of the pin
receiving opening of the projection to permit floating movement of the projection and the lid.

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2. The steam kettle lid assembly of claim 1 wherein the elongated arm includes a
pivoting connection for permitting movement thereof.

Mechanism

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3. The steam kettle lid assembly of claim 1 wherein the projection is welded to
the lid.

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4. The steam kettle lid assembly of claim 1 wherein the lid includes a through
hole and the projection comprises a portion of a member which extends through the through
hole.

5. The steam kettle lid assembly of claim 1 wherein an end surface of the boss is spaced from the upper surface of the lid.

6. The steam kettle assembly of claim 1 wherein the boss includes an opening through which the arm passes for securing the boss to the arm.

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position;

A lid assembly, comprising:
an elongated arm movable between an upward position and a downward

10 a lid including a condensate rim extending from a lower surface thereof and positioned toward a first side of the lid;

15 wherein one of the arm and the lid includes a female coupling member extending therefrom and having a coupling opening therein and a fastener receiving opening therein, and the other of the arm and the lid includes a male coupling member extending therefrom, the male coupling member having a fastener receiving opening therein, the male coupling member positioned within the coupling opening of the female coupling member such that the fastener receiving opening of the female coupling member is aligned with the fastener receiving opening of the male coupling member;

20 a fastener passing through the aligned fastener receiving openings for coupling the male coupling member to the female coupling member and for preventing rotational movement of the lid; and

25 wherein a size of the fastener is smaller than a size of the fastener receiving opening of the male coupling member to permit floating movement of the lid.

8. The lid assembly of claim 7 wherein the male coupling member extends from the lid and the female coupling member extends from the arm.

9. The lid assembly of claim 7 wherein the female coupling member extends from the lid and the male coupling member extends from the arm.

10. The lid assembly of claim 7 wherein the female coupling member comprises a boss and the male coupling member comprises a cylindrical projection.

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11. A method of attaching a steam kettle lid for movement between an open position relative to an opening of a steam kettle and a closed position relative the opening of the steam kettle, the method comprising the steps of:

10 providing an arm movable between an upward position and a downward position;

10 providing a lid;

10 providing a female coupling member on one of the arm and the lid;

10 providing a male coupling member on the other of the arm and the lid;

10 connecting the female coupling member to the male coupling member in a manner which permits floating movement of the lid relative to the arm, but prevents 15 rotational movement of the lid.

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12. The method of claim 11 wherein the connecting step involves providing a fastener opening in the first coupling member and a fastener opening the second coupling member, aligning the fastener openings, positioning a fastener in the aligned openings, and sizing the fastener smaller than at least one of the fastener openings.

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13. A steam kettle lid assembly, comprising:
13 an elongated arm;
13 a steam kettle lid having a central portion, a first side portion, a top, and a bottom, the central portion non-rotatably coupled to the arm at an intermediate point along

the arm via a floating, non-rotating coupling, a condensate rim extending from the bottom of the lid along at least the first side portion of the lid;

wherein the arm includes a portion extending outward beyond a perimeter of the lid at the first side portion of the lid, such portion being pivoted to permit movement of the lid between a down position in which the lid is substantially horizontal and an up position in which the lid is angled relative to the horizontal, the first side portion of the lid, including the condensate rim, being located below the central portion of the lid when the lid is in the up position for allowing condensate on the bottom of the lid to run downward toward the condensate rim.

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